

Title (en)
BRUSHROLL FOR VACUUM CLEANER

Title (de)
BÜRSTENWALZE FÜR STAUBSAUGER

Title (fr)
BROSSE CYLINDRIQUE POUR ASPIRATEUR

Publication
EP 3716833 A4 20210908 (EN)

Application
EP 19738488 A 20190107

Priority
• US 201815866978 A 20180110
• US 2019012518 W 20190107

Abstract (en)
[origin: WO2019139846A1] A brushroll (60, 90, 120, 150) for a surface cleaning apparatus (10) includes a brush dowel (62, 92, 122, 152) defining an axis (X) and having opposing bristle supports (70, 102, 130, 160) and a shroud surface (74, 134, 138, 164, 168) between the opposing bristle supports (70, 102, 130, 160), and a plurality of bristles (72, 104, 132, 162) protruding from the bristle supports (70, 102, 130, 160). The shroud surface (74, 134, 138, 164, 168) includes opposing convex curved surfaces (86, 138, 168) extending between the bristle supports (70, 102, 130, 160) which intersect the shroud surface (74, 134, 138, 164, 168) at outside corners (88, 148, 178).

IPC 8 full level
A47L 9/04 (2006.01); **A46B 13/00** (2006.01); **A46B 13/02** (2006.01); **A47L 5/30** (2006.01)

CPC (source: EP KR)
A46B 13/001 (2013.01 - KR); **A46B 13/006** (2013.01 - EP); **A46B 13/02** (2013.01 - EP); **A47L 5/30** (2013.01 - EP KR);
A47L 9/0444 (2013.01 - EP); **A47L 9/0477** (2013.01 - EP KR); **A46B 2200/30** (2013.01 - KR)

Citation (search report)
See references of WO 2019139846A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019139846 A1 20190718; AU 2019207468 A1 20200716; AU 2019207468 A2 20200723; AU 2019207468 B2 20230720;
CA 3087466 A1 20190718; CA 3087466 C 20231031; CN 111936021 A 20201113; EP 3716833 A1 20201007; EP 3716833 A4 20210908;
JP 2021510329 A 20210422; JP 7273832 B2 20230515; KR 20200116929 A 20201013

DOCDB simple family (application)
US 2019012518 W 20190107; AU 2019207468 A 20190107; CA 3087466 A 20190107; CN 201980007912 A 20190107;
EP 19738488 A 20190107; JP 2020538117 A 20190107; KR 20207022501 A 20190107